

Title (en)  
DEVICE AND METHOD OF HANDLING A HYBRID AUTOMATIC REPEAT REQUEST PROCESS IN A LICENSED ASSISTED ACCESS  
SECONDARY CELL

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM HANDHABEN EINES HYBRIDEN AUTOMATISCHEN  
WIEDERHOLUNGSANFORDERUNGSVERFAHRENS IN EINER LIZENZIERTEN SEKUNDÄREN ZELLE MIT UNTERSTÜTZTEM ZUGRIFF

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE GESTION D'UN PROCESSUS DE DEMANDE DE RÉPÉTITION AUTOMATIQUE HYBRIDE DANS UNE CELLULE  
SECONDAIRE À ACCÈS SOUS LICENCE

Publication  
**EP 3214790 A2 20170906 (EN)**

Application  
**EP 17158865 A 20170302**

Priority  
US 201662303382 P 20160304

Abstract (en)  
A communication device for handling a HARQ process in a LAA SCell comprises a storage unit and a processing circuit configured to execute instructions stored in the storage unit. The instructions comprise receiving at least one UL grant from a network in a DL subframe, wherein a UL grant of the at least one UL grant schedules at least one PUSCH transmission associated with a UL HARQ process in at least one UL subframe, and a first timer and a second timer are associated with the UL HARQ process; starting the first timer in a first UL subframe of the at least one UL subframe, if the communication device is not able to perform a PUSCH transmission of the at least one PUSCH transmission in the first UL subframe; starting the second timer, when the first timer expires; and monitoring a PDCCH, when the second timer is running.

IPC 8 full level  
**H04L 1/18** (2006.01)

CPC (source: CN EP US)  
**H04L 1/1812** (2013.01 - CN); **H04L 1/1861** (2013.01 - US); **H04L 1/1883** (2013.01 - EP US); **H04L 1/1896** (2013.01 - EP US);  
**H04L 5/0055** (2013.01 - US); **H04W 24/08** (2013.01 - US); **H04W 72/0446** (2013.01 - US); **H04W 72/1268** (2013.01 - US);  
**H04W 72/23** (2023.01 - US); **H04W 76/28** (2018.01 - EP US)

Cited by  
CN113016226A; CN111344975A; US11496247B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3214790 A2 20170906**; **EP 3214790 A3 20171115**; **EP 3214790 B1 20181226**; CN 107154838 A 20170912; CN 107154838 B 20191203;  
US 10237863 B2 20190319; US 2017257851 A1 20170907

DOCDB simple family (application)  
**EP 17158865 A 20170302**; CN 201710124928 A 20170303; US 201715448561 A 20170302